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Vice President

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June 14, 2005

U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
ATTENTION: Document Control Desk

Subject: Duke Energy Corporation
Catawba Nuclear Station Unit 1
Docket No. 50-413
Response to NRC Bulletin 2004-01: Inspection of
Alloy 82/182/600 Materials Used in the Fabrication
of Pressurizer Penetrations and Steam Space Piping
Connections at Pressurized-Water Reactors

Reference: Letter from Duke Energy Corporation to the NRC,
same subject, dated July 27, 2004

NRC Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors," required that within 60 days of plant restart following the next inspection of Alloy 82/182/600 pressurizer penetrations and steam space piping connections, submit to the NRC a statement indicating that the inspections described in the response to item (1)(c) of the bulletin were completed and a description of the as-found condition of the pressurizer shell, any findings of relevant indications of through-wall leakage, followup NDE performed to characterize flaws in leaking penetrations or steam space piping connections, a summary of all relevant indications found by NDE, a summary of the disposition of any findings of boric acid, and any corrective actions taken and/or repairs made as result of the indications found.

During the Catawba Unit 1 Refueling Outage (1EOC15), inspections described in the response to item (1)(c) of the bulletin were completed. A 100% bare metal visual (BMV)

A110



examination was performed on all Alloy 82/182/600 weld locations on the pressurizer. These BMV inspections were performed by VT-2 qualified inspectors. The inspection scope included the following locations:

- (1) pressurizer surge line nozzle weld
- (3) pressurizer safety valve nozzle welds
- (1) pressurizer spray nozzle weld
- (1) pressurizer PORV nozzle weld
- (1) pressurizer manway

There was no evidence of leakage or boric acid deposits observed at any of these locations. The exterior surfaces are in very good condition with no wastage of the top or bottom heads.

There are no NRC commitments contained in this letter.

Inquiries on this matter should be directed to A. Jones-Young at (803) 831-3051.

Very truly yours,



D.M. Jamil
Site Vice President

D. M. Jamil, being duly sworn, affirms that he is the person who subscribed his name to the foregoing statement, and that all matters and facts set forth herein are true and correct to the best of his knowledge.

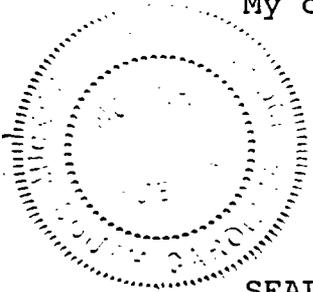


D. M. Jamil, Site Vice President

Subscribed and sworn to me: 6-14-05

Michy Handberg, Notary Public

My commission expires: 7-10-2012



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